

The TCCC launched in summer of 2000 with the purpose of improving training opportunities for transportation technical workers, while applying innovative measures to reduce duplication of efforts and costs to state and local transportation agencies.

The TCCC was developed as a partnership among State Departments of Transportation (DOTs), Federal Highway Administration (FHWA) and its National Highway Institute (NHI), the American Association of State Highway and Transportation Officials (AASHTO), industry associations and institutes, and academia.

The TCCC combined resources and knowledge to develop standardized technical training materials for all stakeholders. The Council's goals included developing a core curriculum to support national priorities that could be used by any agency to improve the skills and qualifications of the transportation technical workforce.

The initial training courses were developed to be instructor-led with participants attending in person; economic challenges made that idea impractical on a large scale. As technological advances in distance learning using the Internet became more acceptable, the TCCC selected online learning as its primary training platform.

Over the first ten years of its history, the TCCC gathered momentum by developing high quality products for its customers. This was accomplished by responding to the curriculum needs of the DOTs, and establishing a proven course development process by engaging subject matter experts throughout the industry. As a result, the TCCC now has over 80 online training courses available, in addition to the instructor-led courses, in the areas of construction, maintenance, and materials.

We have completed the first phase in the organization's development, and have developed a means of delivering and maintaining relevant training tailored to the technical workforce of the transportation industry. We have begun phase two whose objectives include developing a business model that ensures the continuation of these efforts and the growth and sustainability of the organization into the future.



**Transportation Curriculum Coordination Council**  
Quality Training For A Qualified Workforce

# TCCC Strategic Plan

2012

## TCCC MISSION

Develop and maintain a quality training curriculum to enhance the competency of the nation's transportation Construction, Maintenance, and Materials technical workforce.

## TCCC VISION

Be the organization the transportation Construction, Maintenance, and Materials technical workforce relies on for job-related competency training.

We will achieve this vision by. . .

Collaborating with our partners,  
Developing quality, cost-effective training,  
Engaging appropriate subject matter experts,  
Avoiding redundancy by sharing training nationally,  
Ensuring the accessibility of all training.

## TCCC VALUES

- We value delivering quality products and services to our customers.
- We value a well-trained transportation technical workforce.
- We value the resources entrusted to us.
- We value our partners.
- We value excellence.

ACHIEVING THE VISION



Achieving the TCCC Vision will require a collaborative effort among all of our partners, each partner contributing resources and support in whatever manner they can. We will continue to expand our inventory of partners where common interests are identified. We are committed to developing quality, cost-effective training that targets the best practices in the industry and meets the needs of the partners. When possible, we utilize existing training content from contributing partners and convert into multiple training formats. Through our established and proven course development process, we engage subject matter experts from throughout the industry to insure the right content is built into our training courses. We develop national level training courses that help to reduce the duplication of effort and cost to our partners. The TCCC courses are accessible on the National Highway Institute (NHI) Web site and also are made available to pooled fund participants through our file sharing program. Facilitating accessibility of the training throughout the transportation industry is another way we strive to achieve our vision.

LIVING THE VALUES

**We value delivering quality products and services to our customers.** Providing a high quality transportation system and related services requires a well-trained and competent workforce.

**We value a well-trained transportation technical workforce.** Preserving the nation’s highway system requires a skilled technical workforce, which is a critical part of the organizational capacity needed to deliver each agency’s mission. The availability of quality training is necessary to improve the competencies of the transportation technical workforce.

**We value the resources entrusted to us.** The TCCC is successfully using partnerships to responsibly deliver the core curriculum by efficiently utilizing the resources entrusted to us, reducing duplication of efforts, and reducing the overall cost of course development.

**We value our partners.** The strength and success of the TCCC is a result of strong partnerships and the collaborative efforts of those who have a high stake in the training and development of the transportation technical workforce.

**We value excellence.** Through its partnerships with FHWA, NHI, AASHTO, and others, the TCCC has established performance standards for the development and delivery of training opportunities for the nation’s transportation technical workforce.

TCCC STRATEGIC GOALS AND OBJECTIVES

Goal 1: Restructure the TCCC Organization

OBJECTIVES

- Confirm TCCC organization membership.
- Update Executive Board membership.
- Revise Business Plan and By-Laws.
- Establish organization performance measures.
- Assign a lead financial liaison for the council.
- Investigate incorporating into non-profit status.

Goal 2: Strengthen and Expand Partnerships

OBJECTIVES

- Develop a Partnership Map to include in the Business Plan.
- Strengthen relationships with existing partners.
- Identify and engage new partners with common interests and ability to provide resource support.

Goal 3: Manage and Expand the Resource Commitments to the TCCC mission

OBJECTIVES

- Effective Pooled Fund Management. Develop annual budget and seek to expand pooled fund participants.
- Track all non-monetary resource contributions from TCCC member organizations.
- Recruit additional subject matter experts from member organizations and partners, and establish a comprehensive resource list.
- Actively investigate and pursue alternative funding sources to support TCCC initiatives.

Goal 4: Increase Comprehensive Marketing Efforts

OBJECTIVES

- Create one and five year Marketing Plans.
- Update TCCC marketing materials and presentations.
- Identify new marketing opportunities.
- Establish new Web site, www.TCCC.gov, hosted by South Carolina DOT.

Goal 5: Effectively Manage Course Development

OBJECTIVES

- Complete and publish modules IV and V of the TCCC Earthwork series for calendar year 2012.
- Solicit new course ideas from various partner organizations.
- Review and prioritize future course development opportunities.
- Based on available funding, determine additional courses to develop in calendar year 2012.

Goal 6: Manage Curriculum Inventory

OBJECTIVES

- Publish TCCC Competency Matrices to www.TCCC.gov Web site.
- Map existing courses to the TCCC Competency Matrices.
- During calendar year 2012, update the existing courses in the TCCC inventory to the new NHI compatibility requirements.
- Perform periodic review of the TCCC course inventory to confirm content relevance and track course participation for trend analysis.

**TCCC Endorsements:** State DOT contributions to Pooled Fund; Resolutions of Support from AASHTO Standing Committee on Highways, Subcommittee on Maintenance, Subcommittee on Materials, Subcommittee on Construction; FHWA and NHI continued support; Resolution of Support from the National Transportation Training Directors (NTTD).

TCCC SUPPORTS THE PRIORITIES OF OUR PRIMARY PARTNERS

American Association of State Highway and Transportation Officials (AASHTO)

AASHTO Mission - The American Association of State Highway and Transportation Officials advocates transportation-related policies and provides technical services to support states in their efforts to efficiently and safely move people and goods.

AASHTO Strategic Plan Goal 3D - Expand training opportunities and the array of offerings by using “webinars,” video conferencing, and other technologies.

AASHTO Strategic Plan Goal 4C - Assist states in addressing issues of workforce recruitment, retention, succession planning, core competencies and professional development in emerging areas.

Federal Highway Administration (FHWA)

FHWA Strategic Plan System Performance Goal, Objective 1.4 - Build the necessary professional capacity within FHWA, state transportation agencies, and other key partners to develop and effectively use system performance information to make investment decisions and tradeoffs.

FHWA Strategic Plan Strategic Issues, Program Delivery Role - FHWA strives to improve our nation’s transportation system by continuously improving the delivery of Federal Highway Programs. In today’s business environment, FHWA and our transportation partners are increasingly challenged to deliver transportation projects faster and more efficiently to meet ever increasing transportation needs.

FHWA recognizes the highway industry trend on Workforce Attrition and Employee Shortages - Transportation agencies at all levels are continuing to lose much of their senior and experienced personnel due to retirements and job changes. Along with these retirements comes a loss in institutional knowledge, expertise, and experience. Over the next 10 years, as much as 50 percent of the transportation workforce will retire. State agencies already are experiencing staffing shortages in both technical and non-technical areas.

The National Highway Institue (NHI) Mission - NHI, a division of the FHWA, works to improve the performance of the transportation industry through training.

NHI and its partners, including TCCC, support the training and educational needs of the transportation workforce.